Docket No.: 4600-0130PUS1

AMENDMENTS TO THE CLAIMS

- 1. (Currently Amended) A preparation for accelerating an exchange reaction between a nucleotide sequence at a specific site of a double stranded DNA or RNA and its homologous nucleotide sequence, comprising a cationic polymer of poly(L-lydine) graft-dextran guanidinated poly(L-lysine)-graft-dextran (guanidinated PLL-g-Dex) having a guanidine group-containing main chain and a dextran-containing side chain hydrophilic functional group as an active ingredient.
- 2. (Previously presented) The preparation of claim 1, wherein the guanidine group is derived from arginine.
- 3. (Previously presented) The preparation of claim 1 or 2, wherein the main chain of the cationic polymer comprises a moiety obtained by guanidination of a polymer having a primary amino group or a secondary amino group.
- 4. (**Previously presented**) The preparation of claim 3, wherein the ratio of residues having the guanidino group in the main chain of the cationic polymer is 0.3 to 1.
- 5. (**Previously presented**) The preparation according to claim 1, wherein the numbers of the arginine residues and the lysine residues contained in a polyarginine block or a polylysine block, respectively, are 10 to 5,000.
 - 6. (Cancelled)
 - 7. (Cancelled)
- 8. (**Currently amended**) The preparation according to claim 1, wherein the hydrophilic-polymer dextran bonds to the primary amino group or secondary amino group of the cationic polymer in a graft-shape.
- 9. (Currently amended) The preparation according to claim 1, wherein [[its]] the cationic polymer has a molecular weight as a free salt is 2,000 200,000.

- 10. (**Currently Amended**) The preparation according to claim 1, wherein the content of graft-shaped side chain derived from the <u>hydrophilic polymer dextran</u> is 30 to 90 % by weight.
- 11. (Previously presented) The preparation according to claim 1 wherein the grafting ratio is 5 to 40%.
- 12. (Previously presented) The preparation according to claim 1, wherein the exchange reaction occurs in hybridization of fluorescence in situ hybridization (FISH), polymerase chain reaction, reverse transcription PCT (RT-PCR) or DNA chip with a DNA having target double stranded structure.
- 13. (**Previously presented**) The preparation according to claim 1, wherein the exchange reaction occurs in exchange between a specific nucleotide sequence of a double stranded RNA and a single stranded sequence of antisense DNA, RNA, or ribozyme.
- 14. (**Previously presented**) The preparation according to claim 1, wherein the exchange reaction occurs between a specific nucleotide sequence of double stranded DNA and it homologous nucleotide sequence so as to regulate expression and replication of a gene.

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